

Remarks/Arguments

Reconsideration of the above identified application is respectfully requested.

In the office action dated August 23, 2004, claims 1-8 were rejected, and claim 9 was objected to and indicated allowable if in independent form. According to the foregoing amendment, Claim 1 has been rewritten as new claim 10, which substantively incorporates the subject matter of claim 9; and claim 9 has therefore been canceled. Accordingly, claim 10 is submitted to be clearly in condition for allowance.

In addition, claims 1-6 have been amended to define the present invention in a manner that is not disclosed in or suggested by the cited references, claim 7 has been canceled without prejudice in light of the amendment to claim 1, claim 8 has been amended in a manner that is believed to improve its description of the invention, and new claims 11-15 have been presented that are dependent, respectively, on claims 2-6, so that those new claims define substantially subject matter similar to the subject matter that was described in original claim 9 that is believed to have made claim 1 allowable (i.e. a telecentric optical system that produces image data corresponding to image data from an object, and a correction provided by sampling portions of the image data to produce weighted samples corresponding to a predetermined weighting function, summing the weighted samples to create an approximation to a weighted integral, and then repeating the foregoing steps to compute weighted integrals for each of the image elements, and thereby to correct the image data). That subject matter is not disclosed or suggested by the cited references. Accordingly, claims 11-15 are also submitted to be clearly in condition for allowance.

Finally, the amendments to claims 1-6 correct some idiomatic awkwardness in those claims, and substantively amend those claims to define, inter alia, that the present invention provides a telecentric optical system and method that configured to provide ghost image correction by processing image data from telecentric optics, to determine a characteristic function for the ghost images produced by the planar surface, and to provide correction for the ghost images based on the characteristic function.

Such a system and method are not disclosed in or suggested by Anderson US Patent 6,208,470, or any other cited references. Anderson discloses a telecentric projection lens that is alleged configured to address a “keystoning” effect, described at column 1, lines 45-58. The only specific reference to ghost image in Anderson, is found at column 4, lines 2-6, where the patentee states that “Projection lens 400 has excellent lateral color correction and high light throughput with low distortion, and projects a high resolution image with low intensity ghosts reflections, while providing uniform screen illumination.” However, that statement does not disclose or suggest applicant’s invention of providing ghost image correction by processing image data from telecentric optics, to determine a characteristic function for the ghost images produced by the planar surface, and to provide correction for the ghost images based on the characteristic function. Thus, it is respectfully submitted claims 1-6, as amended, define the present invention in a manner that is not disclosed in or obvious from Anderson or any other cited references. Claim 8, which includes the limitations of amended claim 1, is similarly believed to be in condition for allowance.

For the foregoing reasons, it is respectfully submitted that the Claims remaining in this application define the present invention in a manner that is not disclosed or suggested by the cited references. Hence, it is respectfully submitted that all claims in this application are in condition for allowance.

Favorable action is respectfully requested.

In the event the examiner feels a further telephone discussion would be useful, the examiner is respectfully requested to contact the undersigned at 520-747-0999.

Respectfully submitted,



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